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PTO/SB/08A (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

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|--------------------------|------------------|
| Application Number | 10/626,830 |
| Filing Date | 07/24/2003 |
| First Named Inventor | John Ernest Sims |
| Art Unit | 1634 |
| Examiner Name | Sarae Bausch |
| Attorney Docket Number | NWESTERN-08309 |

U. S. PATENT DOCUMENTS

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| Examiner Signature | /Sarae Bausch/ | Date Considered | 04/13/2006 |
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| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | T ² |
| SB | 4 | Sims et al., Trends Immunol. 22:536, 2001 | | |
| | 5 | Sankaran et al., Kidney Int. 56(1)281-288 1999 | | |
| | 6 | Cantagrel et al., Arthritis & Rheumatism 42:1093, 1999 | | |
| | 7 | Conti et al., Am. J. Path. 157:1685, 2000 | | |
| | 8 | El-Omar et al., Nature 404:398, 2000 | | |
| | 9 | Novick et al., Immunity 10:127, 1999 | | |
| SB | 10 | Born et al., J. Biol. Chem. 275:29946, 2000 | | |
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|--------------------|-----------------------|---|----------------|
| SB | 1 | Sims et al., Trends Immunol. 22:536, 2001 | |
| | 2 | Nicklin, et al., Genomics 19:382, 1994 | |
| | 3 | Blakemore, et al., Hum. Genet 97:369, 1996 | |
| | 4 | Cork et al., Dermatol Clin 14:671, 1996 | |
| | 5 | Cullup et al., Br. J. Haematol 113:807, 2001 | |
| | 6 | Hulkkonen et al., Eur. Cytokine Netw. 11:251, 2001 | |
| | 7 | Suthanthiran, M., Curr. Opin. Urol. 10:7, 2000 | |
| | 8 | Sankaran et al., Kidney Int. 56(1)281-288 1999 | |
| | 9 | Asderakis et al., Transplantation 15:674, 2001 | |
| SB | 10 | Bailly et al., Mol Immunol. 33:999, 1996 | |

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| SB | 11 | Armitage et al., J Periodontol 71:164, 2000 | | | |
| | 12 | Pociot et al., Eur J Clin Invest 22:396, 1992 | | | |
| ↓ | 13 | Guasch et al., Cytokine 8:598, 1996 | | | |
| SB | 14 | di Giovine et al, Hum. Mol. Genet. 1:450, 1992 | | | |
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